

Environmental Protection Agency

§ 600.001–93

APPENDIX II TO PART 600—SAMPLE FUEL VALUE CALCULATIONS

APPENDIX III TO PART 600—SAMPLE FUEL ECONOMY LABEL CALCULATION

APPENDIX IV TO PART 600—SAMPLE FUEL ECONOMY LABELS FOR 2008 AND LATER MODEL YEAR VEHICLES

APPENDIX V TO PART 600—FUEL ECONOMY LABEL STYLE GUIDELINES FOR 2008 AND LATER MODEL YEAR VEHICLES

APPENDIX VI–VII TO PART 600 [RESERVED]

APPENDIX VIII TO PART 600—FUEL ECONOMY LABEL FORMATS

AUTHORITY: 49 U.S.C. 32901–23919q, Pub. L. 109–58.

SOURCE: 41 FR 38685, Sept. 10, 1976, unless otherwise noted.

Subpart A—Fuel Economy Regulations for 1977 and Later Model Year Automobiles—General Provisions

EFFECTIVE DATE NOTE: At 75 FR 25701, May 7, 2010, the heading for subpart A to part 600 was revised, effective July 6, 2010. For the convenience of the user, the revised text is set forth as follows:

Subpart A—Fuel Economy and Carbon-Related Exhaust Emission Regulations for 1977 and Later Model Year Automobiles—General Provisions

§ 600.001–08 General applicability.

(a) The provisions of this subpart are applicable to 2008 and later model year automobiles, except medium duty passenger vehicles, manufactured on or after January 26, 2007, and to 2011 and later model year medium-duty passenger vehicles. All 2008 automobiles manufactured prior to January 26, 2007 may optionally comply with the provisions of this subpart. (b)(1) Manufacturers that produce only electric vehicles are exempt from the requirements of this subpart, except with regard to the requirements in those sections pertaining specifically to electric vehicles.

(2) Manufacturers with worldwide production (excluding electric vehicle production) of less than 10,000 gasoline-fueled and/or diesel powered passenger automobiles and light trucks may op-

tionally comply with the electric vehicle requirements in this subpart.

[71 FR 77926, Dec. 27, 2006]

§ 600.001–12 General applicability.

(a) The provisions of this subpart are applicable to 2012 and later model year automobiles and to the manufacturers of 2012 and later model year automobiles.

(b) *Fuel economy and related emissions data.* Unless stated otherwise, references to fuel economy or fuel economy data in this subpart shall also be interpreted to mean the related exhaust emissions of CO₂, HC, and CO, and where applicable for alternative fuel vehicles, CH₃OH, C₂H₅OH, C₂H₄O, HCHO, NMHC and CH₄. References to average fuel economy shall be interpreted to also mean average carbon-related exhaust emissions. References to fuel economy data vehicles shall also be meant to refer to vehicles tested for carbon-related exhaust emissions for the purpose of demonstrating compliance with fleet average CO₂ standards in § 86.1818–12 of this chapter.

[75 FR 25701, May 7, 2010]

EFFECTIVE DATE NOTE: At 75 FR 25701, May 7, 2010, § 600.001–12 was added, effective July 6, 2010.

§ 600.001–86 General applicability.

(a) The provisions of this subpart are applicable to 1986 and later model year gasoline-fueled and diesel automobiles.

(b)(1) Manufacturers that produce only electric vehicles are exempt from the requirement of this subpart, except with regard to the requirements in those sections pertaining specifically to electric vehicles.

(2) Manufacturers with worldwide production (excluding electric vehicle production) of less than 10,000 gasoline-fueled and/or diesel powered passenger automobiles and light trucks may optionally comply with the electric vehicle requirements in this subpart.

[49 FR 13847, Apr. 6, 1984]

§ 600.001–93 General applicability.

(a) The provisions of this subpart are applicable to 1993 and later model year gasoline-fueled, diesel-fueled, alcohol-fueled, natural gas-fueled, alcohol dual

fuel, and natural gas dual fuel automobiles.

(b)(1) Manufacturers that produce only electric vehicles are exempt from the requirement of this subpart, except with regard to the requirements in those sections pertaining specifically to electric vehicles.

(2) Manufacturers with worldwide production (excluding electric vehicle production) of less than 10,000 gasoline-fueled and/or diesel powered passenger automobiles and light trucks may optionally comply with the electric vehicle requirements in this subpart.

[59 FR 39649, Aug. 3, 1994]

§ 600.002-08 Definitions.

3-bag FTP means the Federal Test Procedure specified in part 86 of this chapter, with three sampling portions consisting of the cold-start transient ("Bag 1"), stabilized ("Bag 2"), and hot-start transient phases ("Bag 3").

4-bag FTP means the 3-bag FTP, with the addition of a sampling portion for the hot-start stabilized phase ("Bag 4").

5-cycle means the FTP, HFET, US06, SC03 and cold temperature FTP tests as described in Subparts B and C of this part.

Administrator means the Administrator of the Environmental Protection Agency or his authorized representative.

Alcohol means a mixture containing 85 percent or more by volume methanol, ethanol, or other alcohols, in any combination.

Alcohol-fueled automobile means an automobile designed to operate exclusively on alcohol.

Alcohol dual fuel automobile means an automobile:

(1) Which is designed to operate on alcohol and on gasoline or diesel fuel; and

(2) Which provides equal or greater energy efficiency as calculated in accordance with § 600.510(g)(1) while operating on alcohol as it does while operating on gasoline or diesel fuel; and

(3) Which, in the case of passenger automobiles, meets or exceeds the minimum driving range established by the Department of Transportation in 49 CFR part 538.

Automobile has the meaning given by the Department of Transportation at 49 CFR 523.3.

Auxiliary emission control device (AECD) means an element of design as defined in part 86 of this chapter.

Average fuel economy means the unique fuel economy value as computed under § 600.510 for a specific class of automobiles produced by a manufacturer that is subject to average fuel economy standards.

Axle ratio means the number of times the input shaft to the differential (or equivalent) turns for each turn of the drive wheels.

Base level means a unique combination of basic engine, inertia weight class and transmission class.

Base vehicle means the lowest priced version of each body style that makes up a car line.

Basic engine means a unique combination of manufacturer, engine displacement, number of cylinders, fuel system (e.g., type of fuel injection), catalyst usage, and other engine and emission control system characteristics specified by the Administrator. For electric vehicles, basic engine means a unique combination of manufacturer and electric traction motor, motor controller, battery configuration, electrical charging system, energy storage device, and other components as specified by the Administrator.

Battery configuration means the electrochemical type, voltage, capacity (in Watt-hours at the c/3 rate), and physical characteristics of the battery used as the tractive energy device.

Body style means a level of commonality in vehicle construction as defined by number of doors and roof treatment (e.g., sedan, convertible, fastback, hatchback) and number of seats (*i.e.*, front, second, or third seat) requiring seat belts pursuant to National Highway Traffic Safety Administration safety regulations in 49 CFR part 571. Station wagons and light trucks are identified as car lines.

Calibration means the set of specifications, including tolerances, unique to a particular design, version of application of a component, or component assembly capable of functionally describing its operation over its working range.